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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/666,503 | 09/19/2003 | Jen-Lin Chao | 252011-1660 | 8959 |
| 47390 | 7590 | 03/20/2006 | | |
| THOMAS, KAYDEN, HOSTEMEYER & RISLEY LLP 100 GALLERIA PARKWAY SUITE 1750 ATLANTA, GA 30339 | | | EXAMINER BELL, CORY C | |
| | | | ART UNIT 2164 | PAPER NUMBER |

DATE MAILED: 03/20/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/666,503

Applicant(s)

CHAO ET AL.

Examiner

Cory C. Bell

Art Unit

2164

– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on ____ is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.


SAM RIMELL
PRIMARY EXAMINER

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: ____.

DETAILED ACTION

1. Claims 1-30 have been examined.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1-20, and 22-30 are rejected under 112 2nd paragraph.
4. **Claims 1, 11, and 22** are rejected because the relationship between “the data records” and “a data record” is unclear. It will be assumed for the remainder of this office action that a data record was to pertain to one of the data records.
5. **Claims 7, 17, and 28** are rejected because they state “each data record” which is unclear if it is related to “a data record” or “the data records” from the claim upon which the respective claims are dependant. This will be interpreted as each of the data records for the remainder of this office action.

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

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7. Claims 1-30 are rejected under 35 U.S.C. 102(e) as being anticipated by US Patent Number 6978262, know hereafter as Tsai.

8. **Claim 1** is rejected for the following reasons:

1. A system of data management for a plurality of correlated data records, comprising: a data verification module, verifying the data records according to the data correlations and producing a plurality of verification results), each of which corresponds to a data record(*Col 4 lines 36-67, by parsing and returning the resultant records the search process verifies data*); a data notation module, coupled to the data verification module, noting the verification results in the corresponding data records(*Col 6 lines 36-45 storing how many times something has been accessed,)*; and a data management module, coupled to the data notation module, managing the data records according to the verification results(*Figure 4 item 41*).

9. **Claim 2** is rejected for the following reasons:

2. The system as claimed in claim 1, further comprising at least one data application module, coupled to the data verification module and the data notation module, applying the data records(*Figure 1 item 21*).

10. **Claim 3** is rejected for the following reasons:

3. The system as claimed in claim 2, wherein the data correlations are established according to correlations between the data records applied to the data application modules (*Figure 34 shows sample queries which establish the correlations in the results*).

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11. **Claim 4** is rejected for the following reasons:

4. The system as claimed in claim 3, wherein the data correlations are sequential(*Col 21 line 65-col 22 line 1*).

12. **Claim 5** is rejected for the following reasons:

5. The system as claimed in claim 3, wherein the data correlations are parallel only(*When the search results do not include anything labeled sequential then the correlations are parallel only*).

13. **Claim 6** is rejected for the following reasons:

6. The system as claimed in claim 3, wherein the data correlations are both sequential and parallel(*When the search results include both sequential and non-sequential results*).

14. **Claim 7** is rejected for the following reasons:

7. The system as claimed in claim 1, wherein each data record has a data record owner(*Col 10 lines 37-43*).

15. **Claim 8** is rejected for the following reasons:

8. The system as claimed in claim 7, wherein data management is enabled by the data management module sending the verification results to the data record owners (*Col 10 lines 44-51 and invalidation requires the notification of the source to retrieve the new valid data*)).

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16. **Claim 9** is rejected for the following reasons:

9. The system as claimed in claim 7, wherein data management is enabled by the data management module deleting the data records (*Col 10 lines 44-51*).

17. **Claim 10** is rejected for the following reasons:

10. The system as claimed in claim 1, wherein the data records are stored in at least one database (*Figures 1-4*).

18. **Claim 11** is rejected for the following reasons:

See claim 1 rejection.

19. **Claim 12** is rejected for the following reasons:

See claim 2 rejection.

20. **Claim 13** is rejected for the following reasons:

See claim 3 rejection.

21. **Claim 14** is rejected for the following reasons:

See claim 4 rejection.

22. **Claim 15** is rejected for the following reasons:

See claim 5 rejection.

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23. **Claim 16** is rejected for the following reasons:

See claim 6 rejection.

24. **Claim 17** is rejected for the following reasons:

See claim 7 rejection.

25. **Claim 18** is rejected for the following reasons:

See claim 8 rejection.

26. **Claim 19** is rejected for the following reasons:

See claim 9 rejection.

27. **Claim 20** is rejected for the following reasons:

See claim 10 rejection.

28. **Claim 21** is rejected for the following reasons:

A database, comprising: a data storage module, storing a plurality of correlated data records, and a data operation module, coupled to the data storage module, operating the data records(*Figure 4*).

29. **Claim 22** is rejected for the following reasons:

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See claim 1 rejection.

30. **Claim 23** is rejected for the following reasons:

See claim 2 rejection.

31. **Claim 24** is rejected for the following reasons:

See claim 3 rejection.

32. **Claim 25** is rejected for the following reasons:

See claim 4 rejection.

33. **Claim 26** is rejected for the following reasons:

See claim 5 rejection.

34. **Claim 27** is rejected for the following reasons:

See claim 6 rejection.

35. **Claim 28** is rejected for the following reasons:

See claim 7 rejection.

36. **Claim 29** is rejected for the following reasons:

See claim 8 rejection.

37. **Claim 30** is rejected for the following reasons:


See claim 9 rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cory C. Bell whose telephone number is (571) 272 2736. The examiner can normally be reached on m-f 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Rones can be reached on (571) 272 4085. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


SAM RIMELL
PRIMARY EXAMINER